

AMENDMENTS TO THE ABSTRACT

Please amend the Abstract as listed below. A clean version of the Abstract is attached hereto as Appendix C.

ABSTRACT

METHOD AND APPARATUS FOR SYNCHRONISATION

The present invention provides a method and a device in which two or more fingers of a RAKE receiver can be locked to a multipath received signal in a situation of a fat finger impulse response. One embodiment of the present invention assigns two RAKE fingers to an impulse response so that one finger tracks the impulse response with an Early-On-time DLL method and the other finger is tracking the impulse response with an On-time-Late DLL method. The method comprises detecting the delay between the received signal and a delayed version, comparing the delay with a pre-determined threshold and when the delay falls below the threshold, changing the tracking method of the delayed version of the received signal to a second tracking method.